

ITW



<h1 style="margin: 0;">TRANSMITTAL FORM</h1> <p style="margin: 5px 0 0 0;"><i>(to be used for all correspondence after initial filing)</i></p>		Application Number Filing Date First Named Inventor Art Unit Examiner Name Attorney Docket Number	10/589,101 May 9, 2007 Yasumichi MORI 2827 Not Yet Assigned 559502005100
Total Number of Pages in This Submission	11		

ENCLOSURES (Check all that apply)		
<input type="checkbox"/> Fee Transmittal Form <input type="checkbox"/> Fee Attached <input type="checkbox"/> Amendment/Reply <input type="checkbox"/> After Final <input type="checkbox"/> Affidavits/declaration(s) <input type="checkbox"/> Extension of Time Request <input type="checkbox"/> Express Abandonment Request <input type="checkbox"/> Information Disclosure Statement <input type="checkbox"/> Certified Copy of Priority Document(s) <input type="checkbox"/> Reply to Missing Parts/Incomplete Application <div style="margin-left: 20px;"> <input type="checkbox"/> Reply to Missing Parts under 37 CFR 1.52 or 1.53 </div>	<input type="checkbox"/> Drawing(s) <input type="checkbox"/> Licensing-related Papers <input type="checkbox"/> Petition <input type="checkbox"/> Petition to Convert to a Provisional Application <input type="checkbox"/> Power of Attorney, Revocation Change of Correspondence Address <input type="checkbox"/> Terminal Disclaimer <input type="checkbox"/> Request for Refund <input type="checkbox"/> CD, Number of CD(s) _____ <div style="margin-left: 20px;"> <input type="checkbox"/> Landscape Table on CD </div>	<input type="checkbox"/> After Allowance Communication to TC <input type="checkbox"/> Appeal Communication to Board of Appeals and Interferences <input type="checkbox"/> Appeal Communication to TC (Appeal Notice, Brief, Reply Brief) <input type="checkbox"/> Proprietary Information <input type="checkbox"/> Status Letter <input checked="" type="checkbox"/> Other Enclosure(s) (please identify below): <div style="font-size: small; margin-top: 5px;"> Return Receipt Postcard Response to Notice of Missing Cover Page (2 pages) Copy of the July 11, 2007 Notice of Missing Cover Page (1 page) Copy of the July 10, 2007 Request for Corrected Notice of Recordation (2 pages) Copy of the June 8, 2007 Notice of Recordation (2 pages) PTO 1585 filed on December 21, 2006 (1 page) Original Assignment document (2 pages) </div>
<div style="border: 1px solid black; width: 100px; height: 20px; float: left; margin-bottom: 5px;">Remarks</div>		

SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT			
Firm Name	MORRISON & FOERSTER LLP		
Signature			
Printed name	Barry E. Bretschneider		
Date	October 31, 2007	Reg. No.	28,055



Docket No.: 559502005100
(PATENT)

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Re Patent Application of:
Yasumichi MORI et al.

Serial No.: 10/589,101

Filing Date: May 9, 2007

For: NONVOLATILE SEMICONDUCTOR
STORING DEVICE AND BLOCK
REDUNDANCY SAVING METHOD

Examiner: Not Yet Assigned

Group Art Unit: Not Yet Assigned

Confirmation No.: 5839

RESPONSE TO NOTICE OF MISSING COVER PAGE

MS Assignment Recordation Services
Director of the US Patent and Trademark Office
P.O. Box 1450
Alexandria, VA 22313-1450

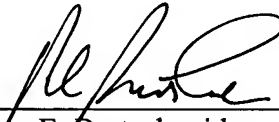
Sir:

In response to the Notice of Missing Cover Page dated July 11, 2007, Applicants submits herewith a copy of the Request for Corrected Notice of Recordation dated July 10, 2007, Notice of Recordation dated June 8, 2007, PTO Form PTO-1595 dated December 21, 2006 and Original Assignment document.

All recordation requirements have now been satisfied and it is respectfully requested that the appropriate correction be made.

Dated: October 31, 2007

Respectfully submitted,

By 
Barry E. Bretschneider
Registration No.: 28,055
MORRISON & FOERSTER LLP
1650 Tysons Blvd, Suite 400
McLean, Virginia 22102
(703) 760-7743

0:SUBMITTER COMPANY:Faxed to Submitter's Fax Number



UNITED STATES PATENT AND TRADEMARK OFFICE

UNDER SECRETARY OF COMMERCE FOR INTELLECTUAL PROPERTY AND
DIRECTOR OF THE UNITED STATES PATENT AND TRADEMARK OFFICE



July 11, 2007

Submitter

United States Patent and Trademark Office
Notice of Missing Cover Page

Your request to record a document in the United States Patent and Trademark Office was received via electronic fax on July 10, 2007, at 05:03 PM without a cover sheet.

Due to the absence of this data, we are unable to process your submission. Please resubmit your document.

If you have any questions, you may contact our customer service center at 571-272-3350.

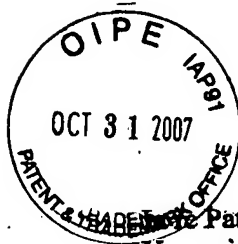
Office of Public Records
Assignment Division

O:SUBMITTER COMPANY:Faxed to Submitter's Fax Number

07/10/2007 17:04 FAX 703 760 7777

MORRISON FOERSTER

003/008

Docket No.: 559502005100
(PATENT)**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**Patent Application of:
Yasumichi MORI et al.

Examiner: Not Yet Assigned

Group Art Unit: Not Yet Assigned

Serial No.: 10/589,101

Filing Date: August 10, 2006

For: NONVOLATILE SEMICONDUCTOR
STORING DEVICE AND BLOCK
REDUNDANCY SAVING METHOD**REQUEST FOR CORRECTED NOTICE OF RECORDATION**MS Assignment Recordation Services
Director of the US Patent and Trademark Office
P.O. Box 1450
Alexandria, VA 22313-1450

Sir:

Applicants hereby request that a corrected Notice of Recordation be issued in the above-identified patent application. The Notice of Recordation received by Applicant, a copy of which is attached hereto, has an error in the title. The title should read:

**NONVOLATILE SEMICONDUCTOR STORING DEVICE AND BLOCK
REDUNDANCY SAVING METHOD**

O: SUBMITTER COMPANY: Faxed to Submitter's Fax Number

07/10/2007 17:04 FAX 703 760 7777

MORRISON FOERSTER

004/008

Application No.: 10/589,101

2

Docket No.: 559502005100

Attached is the original copy of the Notice of Recordation, with the error marked in red. It is respectfully requested that the appropriate correction is made.

Dated: July 10, 2007

Respectfully submitted,

By 

Barry E. Bretschneider

Registration No.: 28,055

MORRISON & FOERSTER LLP

1650 Tysons Blvd, Suite 300

McLean, Virginia 22102

(703) 760-7743

va-203891

O:SUBMITTER COMPANY:Faxed to Submitter's Fax Number

07/10/2007 17:04 FAX 703 780 7777

MORRISON FOERSTER

005/008

898 - NV



UNITED STATES PATENT AND TRADEMARK OFFICE

UNDER SECRETARY OF COMMERCE FOR INTELLECTUAL PROPERTY AND
DIRECTOR OF THE UNITED STATES PATENT AND TRADEMARK OFFICE

JUNE 08, 2007

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JUN 18 2007

Morrison & Foerster LLP
Palo AltoCHARLES D. HOLLAND
MORRISON & FOERSTER LLP
755 PAGE MILL ROAD
PALO ALTO, CA 94304-1018UNITED STATES PATENT AND TRADEMARK OFFICE
NOTICE OF RECORDATION OF ASSIGNMENT DOCUMENT

THE ENCLOSED DOCUMENT HAS BEEN RECORDED BY THE ASSIGNMENT DIVISION OF THE U.S. PATENT AND TRADEMARK OFFICE. A COMPLETE MICROFILM COPY IS AVAILABLE AT THE ASSIGNMENT SEARCH ROOM ON THE REEL AND FRAME NUMBER REFERENCED BELOW.

PLEASE REVIEW ALL INFORMATION CONTAINED ON THIS NOTICE. THE INFORMATION CONTAINED ON THIS RECORDATION NOTICE REFLECTS THE DATA PRESENT IN THE PATENT AND TRADEMARK ASSIGNMENT SYSTEM. IF YOU SHOULD FIND ANY ERRORS OR HAVE QUESTIONS CONCERNING THIS NOTICE, YOU MAY CONTACT THE EMPLOYEE WHOSE NAME APPEARS ON THIS NOTICE AT 571-272-3350. PLEASE SEND REQUEST FOR CORRECTION TO: U.S. PATENT AND TRADEMARK OFFICE, MAIL STOP: ASSIGNMENT SERVICES BRANCH, P.O. BOX 1450, ALEXANDRIA, VA 22313.

RECORDATION DATE: 12/21/2006

REEL/FRAME: 018684/0682
NUMBER OF PAGES: 3BRIEF: ASSIGNMENT OF ASSIGNOR'S INTEREST (SEE DOCUMENT FOR DETAILS).
DOCKET NUMBER: 559502005100ASSIGNOR:
MORI, YASUMICHI

DOC DATE: 08/28/2006

ASSIGNOR:
WATANABE, MASAHIKO

DOC DATE: 08/28/2006

ASSIGNEE:
SHARP KABUSHIKI KAISHA
22-22, NAGAIKE-CHO, ABENO-KU
OSAKA-SHI, OSAKA, JAPAN 545-8522

SERIAL NUMBER: 10589101

FILING DATE:

PATENT NUMBER:

ISSUE DATE:

TITLE: NONVOLATILE SEMICONDUCTOR STORING DEVICE AND BLOCK REDUNDANCY
SAVING METHOD

NONVOLATILE

0:SUBMITTER COMPANY:Faxed to Submitter's Fax Number

07/10/2007 17:05 FAX 703 760 7777

MORRISON FOERSTER

0006/008

018684/0682 PAGE 2

SHAREILL COLES, EXAMINER
ASSIGNMENT SERVICES BRANCH
PUBLIC RECORDS DIVISION

212/172000
700303267

Form PTO-1593 (Rev. 6/2/01)
OMB No. 0851-0027 (exp. 6/30/2008)

U.S. DEPARTMENT OF COMMERCE
United States Patent and Trademark Office

RECORDATION FORM COVER SHEET
PATENTS ONLY

To the Director of the U.S. Patent and Trademark Office: Please record the attached documents or the new address(es) below.

1. Name of conveying party(ies):

Yasumichi MORI (8/28/2008) and Masahiko
WATANABE (8/28/2008)

Additional name(s) of conveying party(ies) attached? ☐ Yes ☒ No

3. Nature of conveyance/Execution Data(s):

Execution Date(s): In parentheses after inventor name

☒ Assignment ☐ Merger ☐ Change of Name

☐ Security Agreement ☐ Joint Research Agreement

☐ Government Interest Assignment

☐ Executive Order 9424, Confirmatory License

☐ Other

2. Name and address of receiving party(ies)

Name: SHARP KABUSHIKI KAISHA

Internal Address:

Street Address:

22-22, Nagaike-cho, Abeno-ku

City: Osaka-shi

State: Osaka

Country: Japan Zip: 545-8522

Additional name(s) & address(es) attached? ☐ Yes ☒ No

4. Application or patent number(s):

A. Patent Application No.(s)

10/698,101

☐ This document is being filed together with a new application.
B. Patent No.(s)

Additional numbers attached? ☐ Yes ☒ No

5. Name and address to whom correspondence concerning document should be mailed:

Name: Charles D. Holland
MORRISON & FOERSTER LLP

Internal Address: Atty. Dkt.: 659602006100

Street Address: 755 Page Mill Road

City: Palo Alto

State: CA Zip: 94304-1018

Phone Number: (850) 813-5832

Fax Number: (850) 494-0782

Email Address: CHolland@mfo.com

6. Total number of applications and patents involved:

1

7. Total fee (37 CFR 1.21(h) & 3.41) \$ 40.00

☐ Authorized to be charged by credit card

☒ Authorized to be charged to deposit account

☐ Enclosed

☐ None required (government interest not affecting title)

8. Payment Information

a. Credit Card Last 4 Numbers

Expiration Date

b. Deposit Account Number 03-1952

Authorized User Name Charles D. Holland

9. Signature:



Signature

December 21, 2008

Date

Charles D. Holland - 35,186

Name of Person Signing

Total number of pages (including cover sheet, attachments, and documents):

3

Client Reference: PUS8008AA7



ATTORNEY DOCKET NO.

5595020051

ASSIGNMENT

Application No. 10/598,101

Filed August 10, 2006

Insert Name(s)
of Inventor(s) →

WHEREAS, Yasumichi MORI

Masahiko WATANABE

(hereinafter designated as the undersigned) has (have) invented certain new and useful improvements in

Insert Title
of Invention →

NONVOLATILE SEMICONDUCTOR STORING DEVICE AND BLOCK
REDUNDANCY SAVING METHOD

for which an application for Letters Patent of the United States of America has been executed by the undersigned

Insert Date
of Signing of
Application →

on _____; and

Insert Name
of Assignee →

WHEREAS, SHARP KABUSHIKI KAISHA

Insert Address
of Assignee →

of 22-22, Nagaike-cho, Abeno-ku, Osaka-shi, Osaka 545-8522 Japan

CHECK BOX

IF APPROPRIATE →

its heirs, successors, legal representatives and assigns (hereinafter designated as the Assignee) is desirous of acquiring the entire right, title and interest in and to said invention and in and to any Letters Patent(s) that may be granted therefor in the United States of America and

☒ in any and all foreign countries.

NOW, THEREFORE, in consideration of the sum of Ten Dollars (\$10.00) to the undersigned in hand paid, the receipt of which is hereby acknowledged, and other good and valuable consideration, the undersigned has (have) sold, assigned and transferred, and by these presents does sell, assigned and transfer unto said Assignee the full and exclusive right to the said invention in the United States of America, its territories, dependencies and possessions and the entire right, title and interest in and to any and all Letters Patent(s) which may be granted therefor in the United States of America, its territories, dependencies and possessions, and if the box above is designated, in any and all foreign countries;

and to any and all divisions, reissues, continuations and extensions thereof for the full term or terms for which the same may be granted.

The undersigned agree(s) to execute all papers necessary in connection with this application and any continuing, divisional or reissue applications thereof and also to execute separate assignments in connection with such applications as the Assignee may deem necessary or expedient.

The undersigned agree(s) to execute all papers necessary in connection with any interference which may be declared concerning this application or continuation, division or reissue thereof or Letters Patent(s) or reissue patent issue thereon and to cooperate with the Assignee in every way possible in obtaining and producing evidence and proceeding with such interference.

The undersigned agree(s) to execute all papers and documents and to perform any act which may be necessary in connection with claims or provisions of the International Convention for the Protection of Industrial Property or similar agreements.

The undersigned agree(s) to perform all affirmative acts which may be necessary to obtain a grant of a valid United States of America patent(s) or a grant of a valid United States of America and any foreign patent(s) to the Assignee and to vest all rights therein hereby conveyed to said Assignee as fully and entirely as the same would have been held by the undersigned if this Assignment and sale had not been made.

The undersigned hereby authorize(s) the request(s) the Patent and Trademark Office Officials in the United States of America and in any foreign countries to issue any and all Letters Patents resulting from said application or any continuing, divisional or reissue applications thereof to the said Assignee, as Assignee of the entire interest, and hereby covenants that he has (they have) the full right to convey the entire interest herein assigned, and that he has (they have) not executed, and will not execute, any agreement in conflict herewith.

The undersigned hereby grant(s) the law firm of **Morrison & Foerster LLP** the power to insert on this Assignment any further identification which may be necessary or desirable in order to comply with the rules of the U.S. Patent and Trademark Office for recordation of this document.

The undersigned hereby covenant(s) that no assignment, sale, agreement or encumbrance has been or will be made or entered into which would conflict with this assignment.

Date Aug 28, 2006, Name of Inventor Yasumichi MORI
Yasumichi MORI

Date Aug 28, 2006, Name of Inventor Masahiko Watanabe
Masahiko WATANABE

Date _____, Name of Inventor _____

Date _____, Name of Inventor _____

Date _____, Name of Inventor _____

Date _____, Name of Inventor _____

Date _____, Name of Inventor _____